

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently Amended) [[A]] Computer-readable instructions embodied on a computer-readable storage medium that when executed on one or more processors implement a page index system, the system comprising:

a page data store that stores reference information associated with a page, the reference information is obtained from at least one other page and is accumulated incrementally from each other page as each other page is crawled, the reference information comprising descriptive information that is adjacent to anchor text associated with a referencing uniform resource locator that references the page; and

a crawler component that receives the page, retrieves the reference information associated with the page from the page data store, and provides the page and the reference information to at least an index building component~~[[.]]~~; wherein failure to receive a requested page after a first predetermined period of time causes the URL for the page to be removed from the page data store after a second predetermined period of time.

2. (Original) A web crawler employing the system of claim 1.

3. (Previously Presented) The system of claim 1, the reference information further comprising anchor text.

4. (Previously Presented) The system of claim 1, the reference information comprising at least one of a sentence fragment, a sentence or a paragraph, or a combination thereof, adjacent to the anchor text.

5. (Previously Presented) An Internet search engine employing the page and the reference information provided by the system of claim 1.

6. (Previously Presented) The system of claim 1, the page data store stores a uniform resource locator that identifies the page, the uniform resource locator further employed to identify the reference information associated with the page.
7. (Canceled)
8. (Currently Amended) A crawler embodied on a computer-readable storage medium comprising:
 - an input component that receives one or more pages;
 - a parser component that parses the one or more pages for another page referenced on the one or more pages, and accumulatively stores reference information associated with the another page in a page data store, the reference information comprising descriptive information that is in proximity to anchor text associated with a referencing uniform resource locator that references the another page, wherein failure to receive the one or more page after a first predetermined period of time causes the URL for the page to be removed from the page data store after a second period of time;
 - a retrieval component that receives the another page and retrieves the reference information associated with the another page from the page data store; and
 - an output component that provides an output, comprising the another page merged with the reference information associated with the another page, to an index building system.
9. (Original) A page indexing system comprising the crawler of claim 8.
10. (Original) The page indexing system of claim 9 further comprising the page data store.
11. (Canceled)
12. (Previously Presented) The system of claim 8, the page data store stores a uniform resource locator that identifies a particular page, the uniform resource locator further employed to identify the reference information associated with the particular page.

13. (Previously Presented) The crawler of claim 8, the reference information further comprising anchor text.
14. (Previously Presented) The crawler of claim 8, the reference information comprising at least one of a sentence fragment, a sentence or a paragraph, or a combination thereof, in proximity to the anchor text.
15. (Currently Amended) A method facilitating page indexing comprising:
retrieving reference information associated with a page from at least one other page, the reference information comprising descriptive information that is in proximity to anchor text associated with a referencing uniform resource locator that references the page;
storing the reference information associated with the page in a data store;
incrementally accumulating the reference information from each other page as each other page is crawled;
merging the page with the reference information; ~~and~~
providing an output comprising the page merged with the reference information associated with the page to at least an index building system[.]; and
deleting the information for a page from the data store when the page cannot be retrieved for a predetermined period of time;
16. (Currently Amended) The method of claim 15, further comprising at least one of the following:
receiving a request for retrieving the page;
retrieving the page; or
storing reference information associated with a uniform resource locator on the page; ~~or a combination thereof.~~
17. (Original) The method of claim 15, retrieval of the reference information associated with the page being based, at least in part, upon a uniform resource locator identifying the page.

18. (Original) One or more computer readable media having stored thereon computer executable instructions for carrying out the method of claim 15.

19-21. (Canceled)

22. (Currently Amended) One or more computer readable media storing computer executable components of a crawler comprising:

an input component that receives one or more pages;

a parser component that parses the one or more pages for another page referenced on the one or more pages, incrementally accumulates reference information associated with the another page from each of the one or more pages when crawled, and stores such reference information in a page data store, the reference information comprising descriptive information that is in proximity to anchor text associated with a referencing uniform resource locator that references the another page, wherein failure to receive the one or more pages after a first predetermined period of time causes the URL for the one or more pages to be removed from the page data store after a second period of time;

a retrieval component that receives the another page and retrieves the reference information associated with the another page from the page data store; and

an output component that provides an output, comprising the another page merged with the reference information associated with the another page, to at least an index building system.

23. (Previously Presented) The media of claim 22, the page data store storing a uniform resource locator that identifies the another page, the uniform resource locator further being employed to identify the reference information associated with the another page.

24. (Previously Presented) The media of claim 22, the reference information further comprising anchor text.

25. (Previously Presented) The media of claim 22, the reference information comprising at least one of a sentence fragment, a sentence or a paragraph, or a combination thereof, in proximity to the anchor text.

26. (Currently Amended) A page index system embodied on a computer-readable storage medium, comprising:

means for retrieving reference information associated with a page from at least one other page;

means for incrementally accumulating the reference information from each other page as each other page is crawled;

means for storing the reference information in a data store, the reference information comprising descriptive information that is adjacent to anchor text associated with a uniform referencing locator that references the page;

means for receiving the page;

means for retrieving the reference information associated with the page from means for storing the reference information; ~~and~~

means for providing an output to at least an index building system, the output comprising the page merged with the reference information associated with the page[.]; and

means for removing the page from the data store when the page cannot be received after a predetermined period of time.

27. (Previously Presented) The system of claim 26, the means for storing the reference information further storing a uniform resource locator that identifies the page, the uniform resource locator further being employed to identify the reference information associated with the page.

28. (Previously Presented) The system of claim 26, the reference information further comprising anchor text.

29. (Previously Presented) The system of claim 26, the reference information comprising at least one of a sentence fragment, a sentence or a paragraph, or a combination thereof, adjacent to a referencing uniform resource locator.